

CONTEXT FOR THE REVIEW

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Research

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NOAA'S NEXT GENERATION STRATEGIC PLAN GOALS

Healthy Oceans



Weather Ready Nation



Climate Adaptation & Mitigation



Resilient Coastal Communities & Economies



SCIENCE & TECHNOLOGY





America's Environmental Intelligence Agency: 2014 - 2018 Priorities

MONITORING

MODELING



OBSERVATIONS

ASSESSMENT

FORECAST & PRODUCTS



Provide information and services to make communities more resilient



Evolve the Weather Service



Invest in observational infrastructure



Achieve organizational excellence





NOAA'S ORGANIZATION

LINE OFFICES



NATIONAL MARINE FISHERIES SERVICE



NATIONAL OCEAN SERVICE



NATIONAL ENVIRONMENTAL SATELLITES & DATA INFORMATION SERVICE



OCEANIC & ATMOSPHERIC RESEARCH



NATIONAL WEATHER SERVICE



OFFICE OF MARINE AND AVIATION OPERATIONS

LEADERSHIP

Assistant Administrator
Oceanic & Atmospheric
Research (OAR)

Craig McLean

Deputy Assistant Administrator
Programs & Administration

Dr. Steven Fine (A)

Deputy Assistant Administrator
Laboratories & Cooperative Institutes

Dr. Steven Fine

Chief Science Advisor

Dr. Alexander MacDonald

PROGRAMS

Climate Program Office
Dr. Wayne Higgins

National Sea Grant
College Program
Dr. Leon Cammen

Office of Ocean
Exploration & Research
Dr. Alan Leonardi

Office of Weather &
Air Quality
Dr. John Cortinas

Ocean Acidification
Program
Dr. Libby Jewett

LEADERSHIP/HQ STAFF OFFICES

Chief Financial Officer &
Chief Administrative
Officer
Jason Donaldson

Office of Policy,
Planning & Evaluation
Dr. Gary Matlock

International Activities
Staff
René Eppi

Communications Office
Barry Reichenbaugh

HQ OFFICES

Laboratories & Cooperative
Institutes
Dr. Mike Uhart

Science Advisory Board
Staff
Dr. Cynthia Decker

LABORATORIES

Air Resources
Laboratory
Richard Artz (A)

Atlantic Oceanographic
& Meteorological
Laboratory
Dr. Robert Atlas

Geophysical Fluid
Dynamics Laboratory
**Dr. Venkatachalam
Ramaswamy**

Earth System Research Lab
Global Monitoring Division
Physical Sciences Division
Chemical Sciences Division
Global Systems Division
Dr. Alexander MacDonald

Great Lakes Environmental
Research Laboratory
Deborah Lee

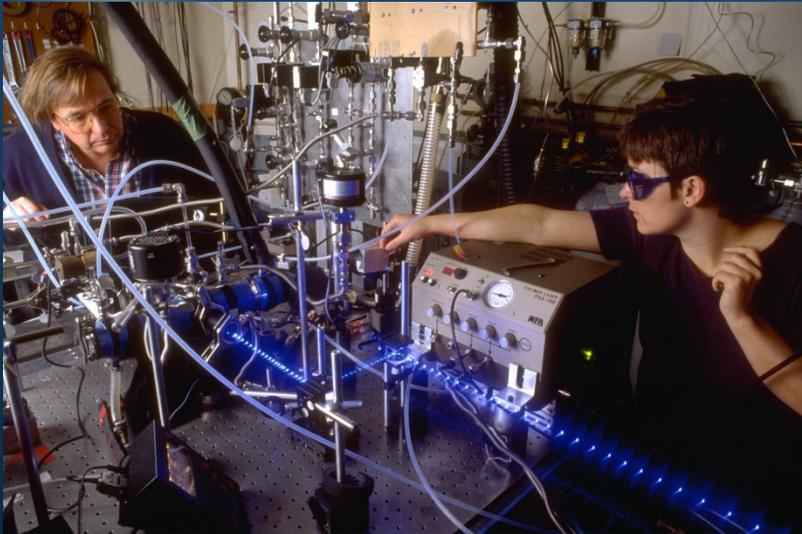
National Severe Storms
Laboratory
Dr. Steven Koch

Pacific Marine Environmental
Laboratory
Dr. Chris Sabine



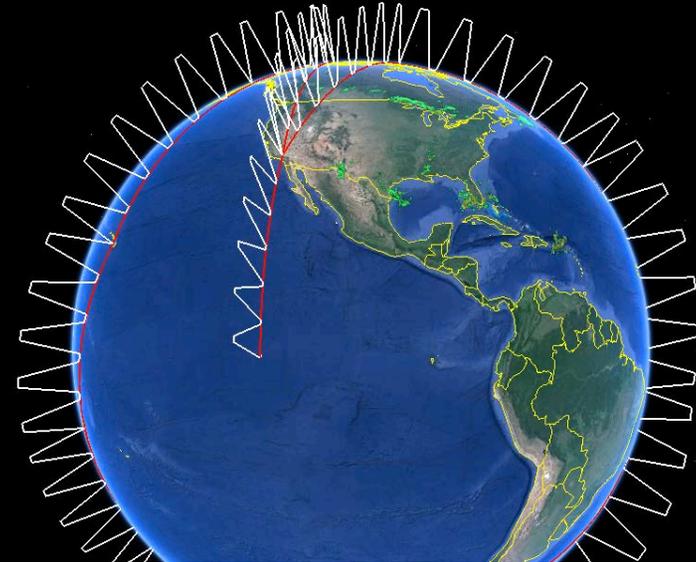


OAR'S VISION & MISSION



To be a trusted world leader in observing, modeling, understanding and predicting the Earth system.

VISION



To conduct research to understand and predict the Earth system; develop technology to improve NOAA science, service and stewardship; and transition the results so they are useful to society.

MISSION





POWER OF PARTNERSHIPS

Labs
Programs
Partners

Key OAR Partners:
Cooperative Institutes
and Sea Grant Programs





COOPERATIVE INSTITUTES

Are NOAA supported, non-federal organizations located at degree-granting institutions whose research reinforces NOAA's mission and priorities

Are often colocated and collaborate directly with NOAA's diverse research communities, programs and labs

Have portfolios ranging from satellite climatology and fisheries biology to atmospheric chemistry and coastal ecology

Provide complementary scientific expertise

Widen pool of young scientists in topics of interest to NOAA



CSD RESEARCH DRIVERS



LEGISLATIVE DRIVERS

- NOAA/OAR Appropriations for air quality and climate research
- Clean Air Act (1963) and Amendments (1970; 1990)
- National Climate Program Act (1978)
- Global Change Research Act (1990)
- Global Climate Protection Act (1990)
- US Weather Research Program (1992)
- National Weather Service Organic Act (1890)

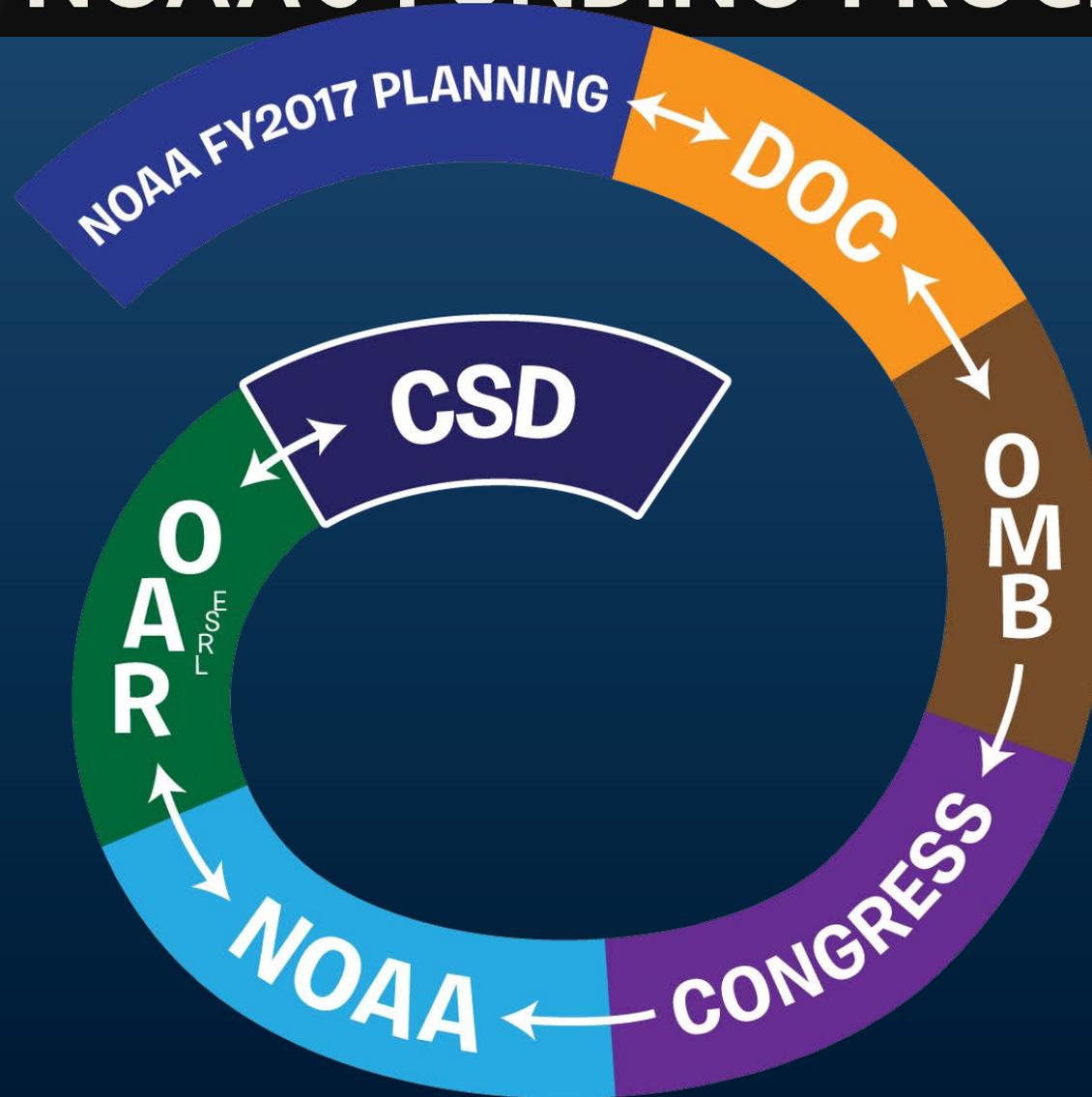
POLICY DRIVERS

- OAR Strategic Plan
- NOAA Next Generation Strategic Plan
- NOAA Five-year Research and Development Plan
- Department of Commerce Strategic Plan
- President's Climate Action Plan
- Montreal Protocol on Substances that Deplete the Ozone Layer
- UN Framework Convention on Climate Change



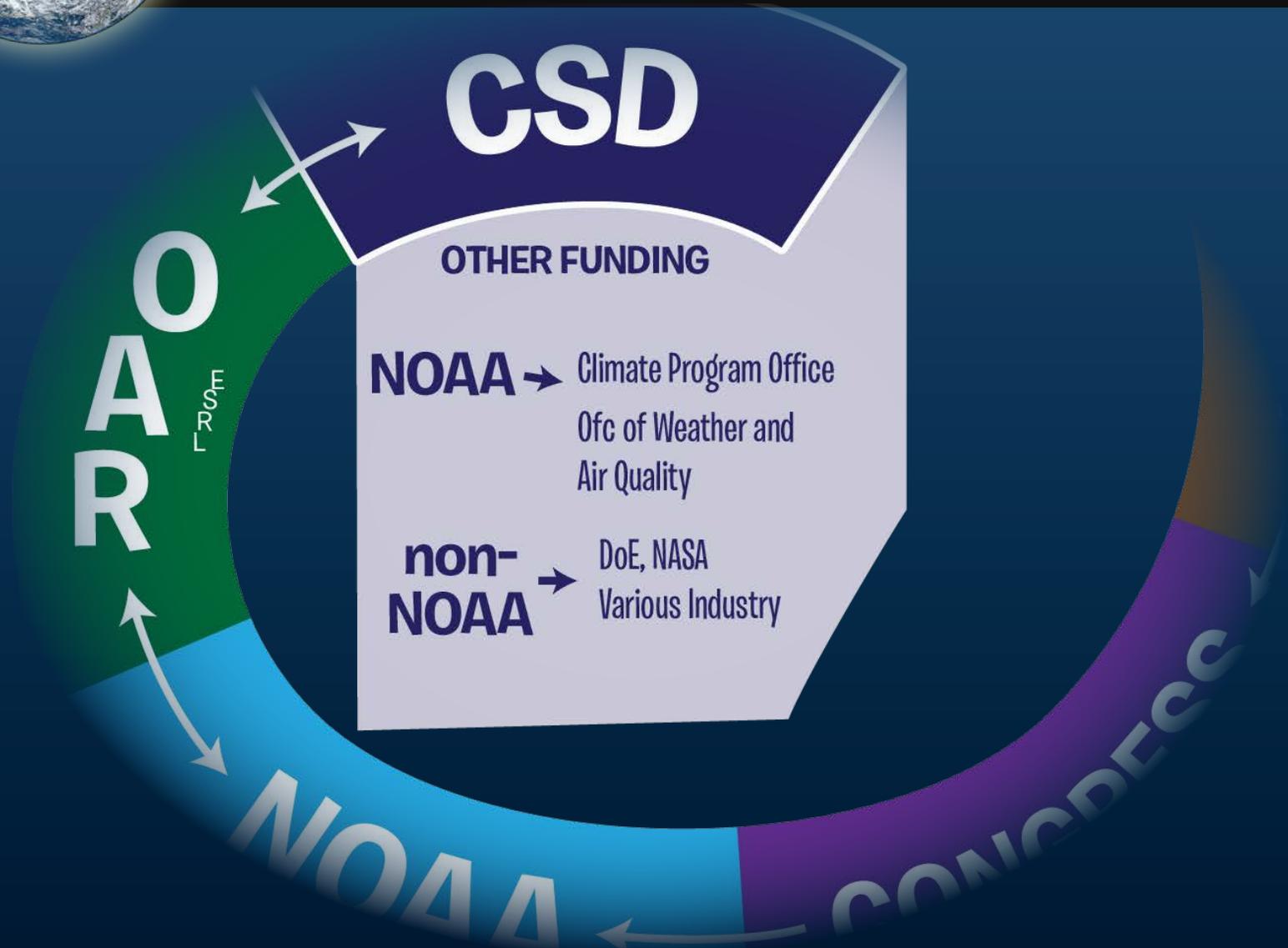


NOAA'S FUNDING PROCESS



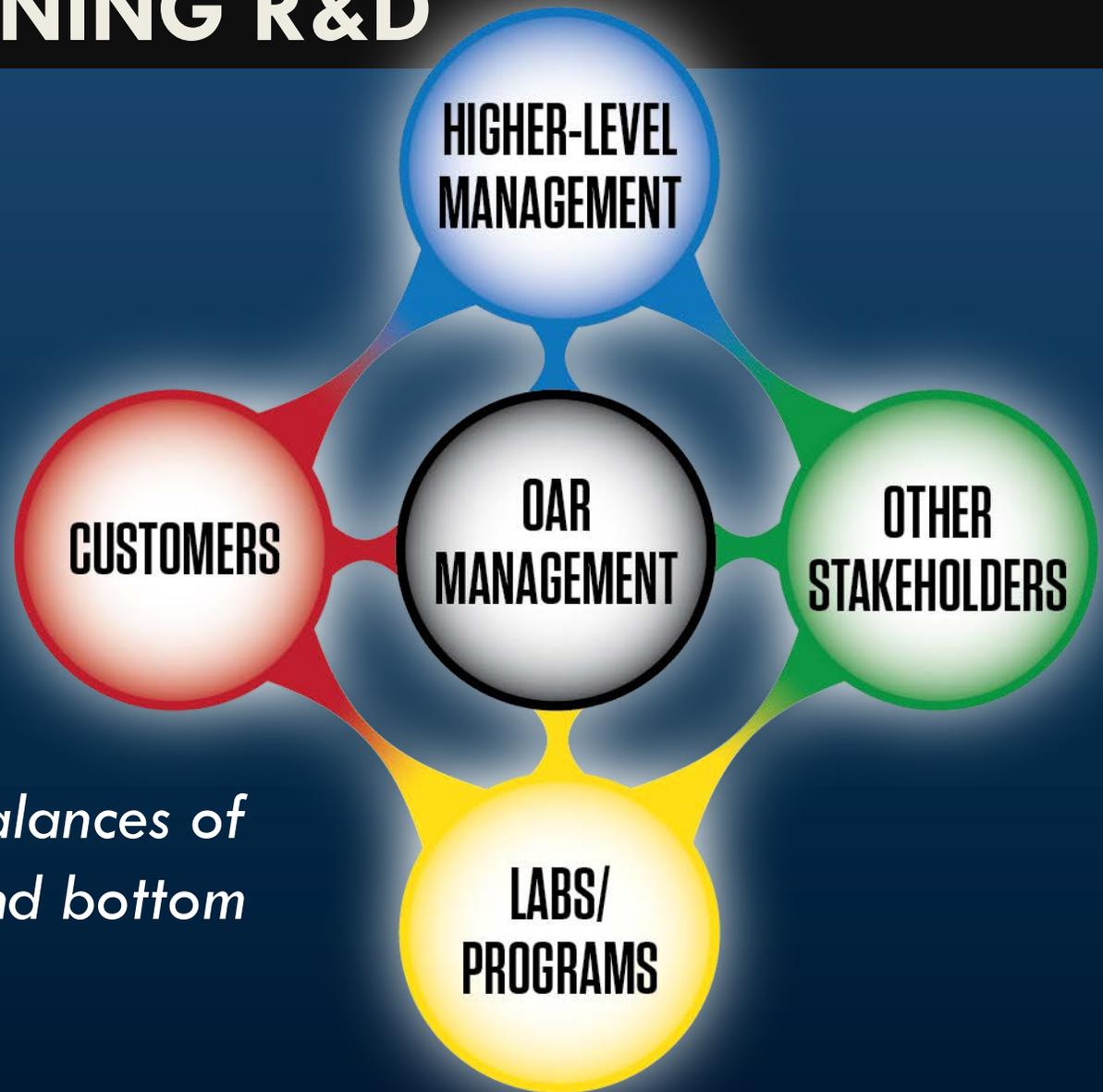


NOAA'S FUNDING PROCESS





NOTIONAL APPROACH TO PLANNING R&D



Various balances of input from top and bottom



CHARGE TO REVIEWERS



QUALITY: Assess quality of lab's R&D



RELEVANCE: Assess lab's R&D relevance to NOAA's mission & value to Nation



PERFORMANCE: Assess overall effectiveness of lab's plans & R&D in meeting NOAA's Strategic Plan objectives & Nation's needs



HOW OAR USES YOUR REVIEW

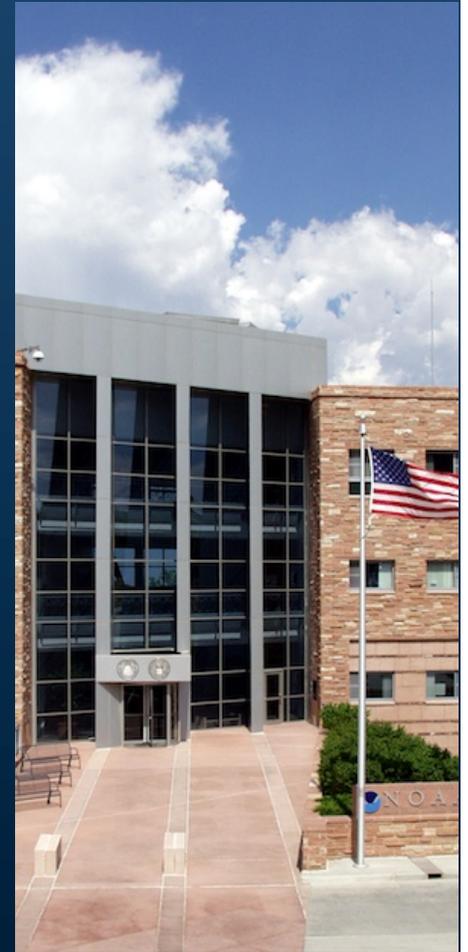
Inform performance improvements and portfolio management;

Encourage innovative and collaborative approaches to meet goals and objectives;

Assess research contributions and clearly articulate the value of the research toward achieving the NOAA mission and as appropriate interagency goals;

Evaluate for stakeholders the outcomes of OAR research, development, and transition; and

Highlight directions for future strategic plans.



BACKUP SLIDES





WHERE IS OAR?

